

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	91	("6789764" "20040056144" "20060054737" "6464459" "6467726" "6848649" "6974106" "20030136873" "20050151003" "4469294" "4828203" "5839691" "6170778" "6270038" "20020139894" "5823468" "5503351" "6655631" "20030094537" "6382556" "5765783" "6616094" "20020047071" "6974105" "20050045762" "6007298" "4601444" "4589611" "5195702" "5265827" "6276633" "20050151001" "6086016" "6450446" "7032861" "20030080242" "20060049304" "20070034738" "5419514" "5421538" "5890441" "6843447" "7159817" "20040245374" "20060151666" "5320305" "4610410" "5407150" "6082968" "5310314" ).pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/21 10:38
S2	25	("2571566"   "2650666"   "2659551"   "2823875"   "3146970"   "3159360"   "3986686"   "4730795"   "4770371"   "4793572"   "5454530"   "6050778"   "6131849"   "6161799"   "6164590"   "6170779"   "6460802"   "6467726"). PN. OR ("6789764").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 10:43
S3	11	("2294003"   "2294367"   "2423095"   "2806665"   "3703998"   "4562979"). PN. OR ("2659551"   "6164590"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 10:46
S4	325	"244"/\$.ccls. and ((rotor helicopter) same (detector emitter))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 14:22
S5	11	"244"/\$.ccls. and ((rotor helicopter) same (detector emitter) same (rotational with speed))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 10:43
S6	1	"244"/\$.ccls. and ((rotor helicopter) same (detector and emitter) same (rotational with speed))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 10:49
S7	14	"244"/\$.ccls. and ((rotor helicopter) same (detector and emitter))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 10:52
S8	6	"244"/\$.ccls. and ((rotor helicopter blade vane) same ((speed velocity) near detector))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 12:59

## EAST Search History

S10	196	"244"/\$.ccls. and (detector near (infrared ultraviolet))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/21 13:16
S25	7	"244"/\$.ccls. and ((rotor helicopter) same (phototransistor photodiode electrooptical spectrometer))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 14:23
S26	7	"244"/\$.ccls. and ((rotor\$ helicopter) same (phototransistor photodiode electrooptical spectrometer))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 14:23
S27	42	"244"/\$.ccls. and ((rotor\$ helicopter) and (phototransistor photodiode electrooptical spectrometer))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 14:33
S28	12	("3900260"   "3932745"   "4203326"   "4777660"   "4777661"   "5031234"   "5258614").PN. OR ("5467942"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 14:31
S29	47	"244"/\$.ccls. and ((rotor rotary helicopter) and (phototransistor photodiode electrooptical spectrometer))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 14:37
S30	20106	((rotor rotary helicopter) and (phototransistor photodiode electrooptical spectrometer))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 14:37
S32	20106	((rotor rotary helicopter) and (phototransistor photodiode electrooptical spectrometer))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 14:37
S33	2751	((rotor rotary helicopter) same (phototransistor photodiode electrooptical spectrometer))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 14:38
S34	9948	((rotor rotary helicopter) and (phototransistor photodiode electrooptical spectrometer)) and detector	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 14:38
S35	2182	((rotor rotary helicopter) and (phototransistor photodiode electrooptical spectrometer)) and emitter	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 14:39
S36	26	((rotor rotary helicopter) same (phototransistor photodiode electrooptical spectrometer)) same (detector and emitter)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 14:38
S37	1377	((rotor rotary helicopter) and (phototransistor photodiode electrooptical spectrometer)) and (emitter and detector)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 14:40

## EAST Search History

S38	563	((rotor (rotary near aircraft) helicopter) and (phototransistor photodiode electrooptical spectrometer)) and (emitter and detector)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 14:42
S39	65	((rotary near aircraft) helicopter) and (phototransistor photodiode electrooptical spectrometer)) and (emitter and detector)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 14:43
S40	328	((rotary near aircraft) helicopter blade van propeller) same position) and(phototransistor photodiode electrooptical spectrometer)) and (emitter and detector)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 14:45
S41	6	((rotary near aircraft) helicopter ) same position same (optical adj sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 14:45
S42	23	("2552739"   "2913700"   "3023317"   "3121230"   "3386031"   "3524354"   "3599197"   "3866859"   "4053123"   "4465367"   "4531408"   "4660048"   "4812643"   "5001492"   "5671051").PN. OR ("6448924").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 14:46
S43	59	("1877713"   "1919215"   "2454630"   "2552739"   "2669120"   "2702169"   "2759359"   "2913700"   "2964849"   "2970367"   "3008525"   "3515485"   "3719337"   "3795375"   "3802273"   "3945256"   "3954229"   "4465367"   "4531408").PN. OR ("2552739"   "3866859"   "4053123"   "4465367"   "5671051").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 14:49
S44	1369	((rotary near aircraft) helicopter) and ((rotor blade) same ((track\$ position\$) with (device mechanism optical system emitter detector)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/21 15:12
S45	643	((rotary near aircraft) helicopter) same ((rotor blade) same ((track\$ position\$) with (device mechanism optical system emitter detector)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/21 15:13
S46	1433	244/6,17.11,17.23,17.25.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/21 15:27

## EAST Search History

S47	2	244/6,17.11,17.23,17.25.ccls. and (phototransistor photodiode electrooptical electro-optical optical spectrometer infrared ultraviolet) and (emitter and (detector sensor))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/21 15:28
S48	2811130	244/6,17.11,17.23,17.25.ccls. and (phototransistor photodiode electrooptical electro-optical optical spectrometer infrared ultraviolet) or (emitter or(detector sensor))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/21 15:29
S49	163	244/6,17.11,17.23,17.25.ccls. and (phototransistor photodiode electrooptical electro-optical optical spectrometer infrared ultravioletemitter detector sensor)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/21 15:29
S50	48	244/6,17.11,17.23,17.25.ccls. and (phototransistor photodiode electrooptical electro-optical optical spectrometer infrared ultraviolet )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/21 15:33
S51	245	244/75.1-96.ccls. and (phototransistor photodiode electrooptical electro-optical optical spectrometer infrared ultraviolet )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/21 15:37
S60	750	356/614.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/21 15:43
S61	38	356/614.ccls. and blade	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/21 15:43
S62	49	356/614.ccls. and (blade rotor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/21 15:44
S64	7	356/614.ccls. and (helicopter (rotary near aircraft) vtol (vertical adj3 take adj3 off adj3 landing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/21 15:47

## EAST Search History

S65	274	244/75.1-96.ccls. and (helicopter (rotary near aircraft) vtol (vertical adj3 take adj3 off adj3 landing)) and (sensor detector)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/21 15:46
S66	348	"356"/\$.ccls. and (helicopter (rotary near aircraft) vtol (vertical adj3 take adj3 off adj3 landing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/21 15:52
S67	3406	"356"/\$.ccls. and (blade rotor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/21 15:52
S68	8	"356"/\$.ccls. and (blade rotor) near tracking	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/21 15:54
S69	323	(blade rotor) near tracking	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/21 16:02
S70	1072	416/60,33,34,44,130.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/21 16:03
S71	666	416/60,33,34,44,130.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/21 16:03
S72	1	10/711372.app.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/22 07:48
S73	1	("6322324").PN.	USPAT; USOCR	OR	OFF	2007/03/22 08:29

## EAST Search History

S74	32	("2625997"   "2892502"   "3584814"   "3795375"   "3902084"   "3938762"   "3945256"   "3952601"   "4053123"   "4112774"   "4519743"   "4531408"   "4845357"   "5224826"   "5239468"   "5639215"   "5752672"   "6065934"   "6135713"   "6231013").PN. OR ("6322324").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 08:29
S75	32	("2625997"   "2892502"   "3584814"   "3795375"   "3902084"   "3938762"   "3945256"   "3952601"   "4053123"   "4112774"   "4519743"   "4531408"   "4845357"   "5224826"   "5239468"   "5639215"   "5752672"   "6065934"   "6135713"   "6231013").PN. OR ("6322324").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 08:31



# EAST Search History

S76	533	("0331369"   "0503033"   "1431295"   "1784528"   "1990291"   "20020113522"   "20030034697"   "20030074294"   "20030189488"   "20030208494"   "20030225588"   "20040090195"   "20040148181"   "20040233568"   "20040238688"   "20050082950"   "20050185062"   "2025561"   "2031177"   "2135700"   "2338293"   "2343383"   "2369049"   "2394766"   "2405208"   "2430948"   "2441151"   "2480222"   "2497465"   "2498064"   "2554512"   "2605093"   "2620888"   "2624531"   "2625997"   "2638295"   "2642143"   "2699833"   "2716460"   "2718604"   "2776718"   "2892502"   "2921289"   "2936836"   "2951542"   "2960168"   "2961051"   "2961053"   "2964849"   "2998210"   "3010679"   "3018832"   "3021097"   "3023985"   "3042371"   "3050276"   "3077934"   "3082979"   "3129769"   "3138749"   "3175786"   "3213944"   "3217218"   "3228252"   "3228477"   "3237107"   "3237697"   "3298443"   "3358949"   "3377489"   "3386031"   "3389274"   "3469644"   "3482805"   "3520498"   "3524354"   "3586267"   "3589831"   "3647315"   "3649856"   "3658280"   "3684904"   "3744928"   "3752420"   "3795375"   "3802273"   "3830109"   "3857535"   "3866859"   "3885758"   "3903614"   "3930626"   "3938762"   "3945256"   "3954229"   "3957381"   "3960348"   "4010455"   "4025230"   "4053123"   "4112774"   "4184205"   "4188171"   "4235397"   "4236426"   "4247065"   "4284254"   "4309107"   "4348132"   "4351502"   "4409670"   "4426607"   "4461611"   "4470116"   "4470569"   "4480480"   "4504233"   "4507958"   "4514143"   "4567564"   "4600863").PN. OR ("4614752"   "4646241"   "4648345"   "4660145"   "4678904"   "4678905"   "4682292"   "4695014"   "4700541"   "4702437"   "4710656"   "4725020"   "4729528"   "4739661"   "4743752"   "4761955"   "4793571"   "4798051"   "4812698"   "4819182"   "4845357"   "4872342"   "4887430"   "4894787"   "4915074"   "4922159"   "4929153"   "4933882"   "4953098"   "4965545"   "5019980"   "5030064"   "5032753"   "5065349"   "5099690"   "5111676"   "5114104"   "5127228"   "5150861"   "5150864"   "5222699"   "5224826"   "5226618"   "5242130"   "5317875"   "5335886"   "5348174"   "5366176"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 08:32
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## EAST Search History

S77	25	(US-6789764-\$ or US-5467942-\$ or US-3866859-\$ or US-5205710-\$ or US-5294075-\$ or US-6448924-\$ or US-6322324-\$ or US-5671051-\$ or US-4887087-\$ or US-4465367-\$ or US-2964849-\$ or US-2552739-\$ or US-5352090-\$ or US-3856410-\$ or US-4053123-\$ or US-5229956-\$ or US-3963372-\$ or US-2659551-\$ or US-6164590-\$ or US-6453669-\$ or US-3938762-\$).did. or (US-3524354-\$ or US-3515485-\$ or US-2964849-\$).did. or (GB-2213931-\$).did.	USPAT; USOCR; EPO	OR	ON	2007/03/22 08:47
S78	2	S77 and (infrared)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/22 08:47
S79	25	(US-2659551-\$ or US-2552739-\$ or US-5205710-\$ or US-5467942-\$ or US-5671051-\$ or US-3938762-\$ or US-6448924-\$ or US-5229956-\$ or US-4053123-\$ or US-6453669-\$ or US-2964849-\$ or US-5294075-\$ or US-6322324-\$ or US-3963372-\$ or US-3856410-\$ or US-4465367-\$ or US-6164590-\$ or US-6789764-\$ or US-5352090-\$ or US-4887087-\$ or US-3866859-\$).did. or (US-2964849-\$ or US-3515485-\$ or US-3524354-\$).did. or (GB-2213931-\$).did.	USPAT; USOCR; EPO	OR	ON	2007/03/25 13:07
S80	3	S79 and (rotational near (speed velocity))	USPAT; USOCR; EPO	OR	ON	2007/03/25 13:07
S81	2	"244"/\$.ccls. and ((VTOL (rotary near aircraft) helicopter (vertical near takeoff near landing)) with (controller near10 (rotation\$3 near5 (speed velocity))))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 09:01
S82	14	("3938762"   "4041775"   "4345237"   "4463453"   "4513619"   "4524620"   "4922757").PN. OR ("5352090").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 14:44
S83	20	("1396402"   "3581012"   "3855847"   "4122432"   "4236040"   "4326274"   "4354059").PN. OR ("4463453").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 16:50



## EAST Search History

S84	1	10/711372.app.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/27 08:58
S85	21	"244"/\$.ccls. and ((rotor near5 (speed velocity) near5 controller))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 10:44
S86	23	("3057584"   "4004756"   "4106094"   "4371937"   "4371938"   "4420808"   "4527242"   "4573125"   "4642774"   "4697768"   "5008825").PN. OR ("5195700").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 14:26
S87	23	("2650046"   "3649818"   "3711042"   "3816716").PN. OR ("4004756"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 14:48